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=> **s DE2446094/PN**

L1 1 DE2446094/PN

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L1 ANSWER 1 OF 1 WPINDEX COPYRIGHT 2006 THE THOMSON CORP on STN

ACCESSION NUMBER: 1975-47922W [29] WPINDEX

TITLE: Alumina prodn. for catalytic applications - by hydrolysis of aluminium alkoxide, sepn of aq. phase contg. alumina and azeotropic drying.

DERWENT CLASS: E33 J04

PATENT ASSIGNEE(S): (CONO) CONTINENTAL OIL CO

COUNTRY COUNT: 2

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG	MAIN	IPC
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<u>DE 2446094</u>	A	19750710	(197529)	*			
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<u>JP 50101290</u>	A	19750811	(197541)				
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PRIORITY APPLN. INFO: US 1974-431183 19740107

INT. PATENT CLASSIF.: C01F007-36

BASIC ABSTRACT:

DE 2446094 A UPAB: 19930831

Alumina for catalytic applications is prod. by hydrolysis of an aluminium alkoxide, sepn. of the aq. phase contg. aluminium oxide component from the org. phase, and isolation and drying of the resulting alumina is improved by adjusting the pH of the sepd. aq. phase to 10.0-11.0 (pref. 10.5-11.0) whereby the catalytic activity of the subsequently sepd. and dried alumina is increased. Alumina so produced is suitable for use as a catalyst or a catalyst-carrier; it has high porosity (pore vol. is 1.0-2.75 cm<sup>3</sup>/g), large specific surface area (260-400 m<sup>2</sup>/g) and low heaping wt. (0.12-0.40 g/cm<sup>3</sup>).

FILE SEGMENT: CPI

FIELD AVAILABILITY: AB

MANUAL CODES: CPI: E34-C01; J04-A02

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